

MEETING MINUTES

0050048

Subject: Project W-178 219-S Secondary Containment Upgrades – Ecology Interface

From: M. A. Cahill, WMH

BUILDING: 219-S Support Building

Department-Operation-

Component	Area	Shift	Date of Meeting	Number Attending
RL Waste Program Division	200W	Day	10/22/98	7

Attendees

M. A. Cahill, WMH	T6-03	J. L. Hensley, Ecology	B5-18
M. S. Collins, RL	A5-18	D. S. McShane, FDNW	G3-17
L. D. Goodwin, WMH	T6-14	G. J. Warwick, WMH	T6-14
A. D. Huckaby, Ecology	B5-18		

1. Site Visit

Alisa and Jerry received an orientation to 219-S and the project scope. They were able to observe the workers removing the wooden tank restraints, packaging waste, and exiting the radiological zone. Workers were available to respond to specific questions regarding working conditions, stay times, and the work process.

2. 219-S Sample System

Larry pointed out the layout of the sampling system and described how it currently works. After construction is completed, there will be an approximately 10' section where the piping is encased in concrete without secondary containment. Larry explained that the plugging of the sample system was due to small sampler line size (1/8") and rust from the air supply piping impeding operation of the air jet. He explained the corrective actions taken to remedy the problems. He doesn't expect future sample line plugging problems, because of the removal of the foreign objects from the tanks and steps taken by the laboratory to prevent solids from entering the liquid waste system. The air filter upstream of the air jet was also replaced.

The recommendation is that RL submit to Ecology a waiver to WAC 173-303-640 for continued use of the existing sample system for Tank 102.

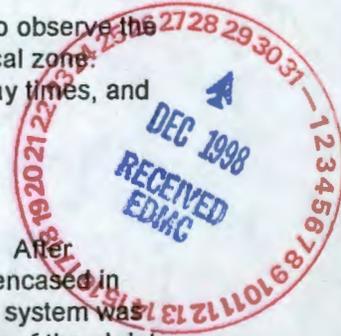
Actions: 1) Mike Cahill prepare letter requesting a waiver that will allow use of the existing sample system for Tank 102. Subsequent letters will be prepared by FDH and RL to formally submit the waiver request to Ecology. The letter needs to include Jerry Hensley on distribution, to expedite a response. It was agreed that the letter would include;

- The sampler system evaluation informally provided to Ecology. The evaluation will include a statement from a licensed engineer that the existing sample system is adequate for the intended use.
- A description of the engineered and administrative controls established to prevent solids from entering the liquid waste system.
- A description of the process used to unplug a sample line.
- A statement that the sampler condition would be addressed in the 222-S Laboratory Complex Part B Permit Application.

2) Alisa Huckaby/Jerry Hensley to provide RL with waiver from WAC 173-303 secondary containment requirements.

3. Current Project W-087/W-178 Status

Mike Cahill provided a summary of progress, since the September 11th meeting. The cleaning of tanks



101 and 102 has been completed and the tank services disconnected. The tanks are being readied for application of a coating as a contamination barrier. It is expected that tank 101 will be removed from Cell A within 2 weeks. Progress is still tracking behind the TPA milestone (construction complete by April 30, 1999), but the likelihood of having a RCRA compliant system by then is still good. A redefinition of the milestone deliverable will probably be proposed. Alisa indicated that she would support the redefinition of the deliverable, but that she would need to check with the Ecology project manager.

Action: Mike Cahill is to notify Ecology when significant activities are being performed.

4. Tank Integrity Assessment

Dave McShane reported that the insides of tanks 101 and 102 had been videotaped and the tapes (8 hours) had been examined by a quality control inspector. Overall the tanks appear to be in excellent condition. The steel heat numbers are still visible on the inside of the tank. The QC inspector has identified additional areas to include with the areas to receive ultrasonic testing (UT). The UT has been completed on the tops of both tanks. Two small anomalies were discovered. It appears that laminations were created when the steel was made for the tanks. A visual examination of the areas shows no surface defects. The defects will not impact plans to reuse the tanks.

There is an extra circumferential weld midway up on the tank wall. It is not accessible for random UT examination, because the exterior is covered by an annulus space and the tank interior radiological dose is too high to allow a manned entry. The weld looks acceptable using a visual exam. If the remaining welds in the tank pass UT, this circumferential weld will also be deemed to be acceptable. There are also more welds on the tank bottoms than shown on the tank fabrication drawings. Random UT will be performed on these welds after the tanks have been removed from the cell.

5. Proposed Tank 103 Isolation Plan

Jay Warwick indicated that there is no new update on the disposition of Tank 103. This item will remain on future agendas to assure closure.

Action: Jay Warwick define revised approach for isolation of Tank 103.

6. Review of new actions and agenda for next meeting

Alisa provided copies and an explanation of the latest changes to Ecology's Nuclear Waste Program. The organization chart is included as Attachment 1.

Concurrence:


Mr. M. S. Collins, RL Project Management Division

 12-15-98
Ms. A. D. Huckaby, State of Washington Department of Ecology